

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp          |
|-------|------|---|------------------------------|------------------|---------|---------------------|
| L3    | 2    | stearyl\$dimethyl<br>\$benzyl\$mmonium<br>\$chloride and<br>(electrical electric)   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2011/03/25<br>14:15 |
| L6    | 58   | ((triton near2 ((X<br>near2 "400") x400 x-<br>400)) (stearyl near2<br>dimethyl near2<br>benzyl\$mmonium<br>near2 chloride)) and<br>(electrical electric)                                  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2011/03/25<br>14:38 |
| L7    | 58   | ((triton near2 ((X<br>near2 "400") x400 x-<br>400)) (stearyl near2<br>dimethyl near2<br>benzyl\$mmonium<br>near2 chloride)) and<br>(electrical electric<br>(volume near2<br>resistivity)) | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2011/03/25<br>14:39 |
| L8    | 33   | (stearyl near2<br>dimethyl near2<br>benzyl\$mmonium<br>near2 chloride)  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2011/03/25<br>15:15 |
| L9    | 1    | (stearyl near2<br>dimethyl near2<br>benzyl\$mmonium<br>near2 chloride) and<br>resistivity   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2011/03/25<br>15:18 |

|     |    |  |                              |    |    |                     |
|-----|----|--|------------------------------|----|----|---------------------|
| L16 | 3  | ((w/o water-in-oil)<br>near3 emulsion)<br>with (dye pigment)<br>with (aqueous<br>(water adj soluble))<br>and (surfactant<br>emulsifier) and<br>(organic oil<br>hydrocarbon) and<br>(\$3ion) and<br>((volume near2<br>resistivity)<br>(electrical near2<br>resistance)) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2011/03/25<br>20:03 |
| L17 | 0  | ((w/o water-in-oil)<br>near3 emulsion)<br>with (aqueous<br>(water adj soluble))<br>with (surfactant<br>emulsifier) with<br>(hydrocarbon) with<br>(ion (electrical<br>near2 charge))<br>same ((volume<br>near2 resistivity)<br>(electrical near2<br>resistance))        | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2011/03/25<br>20:07 |
| L20 | 0  | ((w/o water-in-oil)<br>near3 emulsion)<br>with (aqueous<br>(water adj soluble))<br>hydrocarbon) with<br>(surfactant<br>emulsifier) with (ion<br>(electrical near2<br>charge) charged)<br>same ((volume<br>near2 resistivity)<br>(electrical near2<br>resistance))      | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2011/03/25<br>20:09 |
| L25 | 27 | ((PETER) near2<br>((HASTWELL)).INV.  | US-PGPUB;<br>USPAT           | OR | ON | 2011/03/25<br>20:13 |
| L26 | 3  | ((TIMOTHY) near2<br>((KAETHNER)).INV.  | US-PGPUB;<br>USPAT           | OR | ON | 2011/03/25<br>20:13 |

**EAST Search History (Interference)**

| Ref # | Hits | Search Query   | DBs         | Default Operator | Plurals | Time Stamp       |
|-------|------|--|-------------|------------------|---------|------------------|
| L18   | 0    | ((w/o water-in-oil) near3 emulsion) with (aqueous (water adj soluble)) with (surfactant emulsifier) with (hydrocarbon) with (ion (electrical near2 charge)) same ((volume near2 resistivity) (electrical near2 resistance))  | USPAT; UPAD | OR               | ON      | 2011/03/25 20:07 |
| L19   | 0    | ((w/o water-in-oil) near3 emulsion) with (aqueous (water adj soluble) hydrocarbon) with (surfactant emulsifier) with (ion (electrical near2 charge) charged) same ((volume near2 resistivity) (electrical near2 resistance)) | USPAT; UPAD | OR               | ON      | 2011/03/25 20:09 |
| L21   | 147  | "516/20".CCLS.   | USPAT; UPAD | OR               | ON      | 2011/03/25 20:09 |
| L22   | 134  | "516/9".CCLS.  | USPAT; UPAD | OR               | ON      | 2011/03/25 20:10 |
| L23   | 0    | (emulsion) with (surfactant emulsifier dispersion) with (ion (electrical near2 charge) charged) same ((volume near2 resistivity) (electrical near2 resistance))  | USPAT; UPAD | OR               | ON      | 2011/03/25 20:11 |

|     |     |  |                |    |    |                     |
|-----|-----|--|----------------|----|----|---------------------|
| L24 | 0   | (emulsion) with<br>(surfactant<br>emulsifier<br>dispersion) same<br>(ion (electrical<br>near2 charge)<br>charged) same<br>((volume near2<br>resistivity) (electrical<br>near2 resistance)) | USPAT;<br>UPAD | OR | ON | 2011/03/25<br>20:12 |
| L27 | 255 | "516/31".CCLS.   | USPAT;<br>UPAD | OR | ON | 2011/03/25<br>20:13 |

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